NATIONAL AGRICULTURAL CHEMICALS ASSOCIATION

NEWS

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SPECIAL ISSUE

OFFICIAL FDA TOLERANCES

Complete through February 1, 1960

NATIONAL AGRICULTURAL CHEMICALS ASSOCIATION

NEWS

AND PESTICIDE REVIEW

D. Hayley, *Editor*

L. S. Hitchner, Executive Secretary
J. A. Noone, Technical Adviser
Jack Dreessen, Herbicide Specialist

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The NAC News and Pesticide Review is the official publication of the National Agricultural Chemicals Association, 1145 19th St., N. W., Washington 6, D. C. Telephone: STerling: 3-2833. L. S. Hitchner, Executive Secretary.

Published in the interest of furthering the proper use of chemicals in agricultural production. Issued six times yearly. Controlled, free circulation to scientists, agricultural leaders, industrialists, segments of the press, and federal and state agricultural workers.

What Is a "Tolerance"?

Because we do not want harmful amounts of residues of agricultural chemicals in our foods, rules for their safe use are provided by law. One such rule is the "tolerance."

The "tolerance" is simply the amount of a pesticide which scientists have determined may safely remain as a residue on the food crop without injury to the consumer. The "tolerance" is specific for the pesticide and the crop. It is set by regulation.

The Food and Drug Administration first considers evidence of safety and the amount of residue which will remain if the product is used according to directions on the label. FDA then sets a "tolerance" which will be safe and which can be met if the directions are followed. If a tolerance is not necessary for protection of the consumer, FDA may exempt a particular use from requirements for a tolerance.

A limited number of pesticide chemicals have been officially declared safe, and do not require either a tolerance or exemption. Except for these products, no amount of residue of a particular chemical on a specified crop is permitted if (1) there is no tolerance or exemption or (2) the tolerance is zero. However, the absence of a published tolerance or exemption does not necessarily imply that a pesticide chemical may not be used. Some pesticide uses—for example, certain dormant sprays and soil treatments—do not result in residues of the chemical on the harvested crop. Uses which do not leave residues do not require tolerances or exemptions and do not have to be passed upon by the Food and Drug Administration.

The above definition is an excerpt from Leaflet Number 6 of the Food and Drug Administration, titled "Protecting Crops and Consumers."

The statement is reprinted here in view of increased interest in the subject of pesticide residues and pesticide tolerances.

This issue of *NAC News and Pesticide Review* is the sixth in a series of special issues that have been published annually since enactment of Public Law 518, the Miller Pesticide Residue Amendment to the Federal Food, Drug, and Cosmetic Act in 1954.

Each successive issue has been carefully compiled and edited to revise and add to the list of pesticides and tolerances for various commodities as recorded in the *Federal Register* up to the date of publication.

As an added convenience, this issue also contains an alphabetical index by commodity based upon a compilation originally prepared by the State Experiment Stations Division of the Agricultural Research Service, U. S. Department of Agriculture.

OFFICIAL FDA TOLERANCES

The tolerances as listed in this publication have been carefully compiled from the official tolerance orders as published in the Federal Register. NAC Association, however, does not accept any responsibility for errors, omissions, or other inaccuracies.

PESTICIDE CHEMICALS WHICH ARE NOT UNDER THE MILLER AMENDMENT

The following pesticide chemicals are not under the Miller Amendment. They have been declared safe and require no formal tolerances or exemptions for pesticidal use: sulfur, lime, lime-sulfur, potassium polysulfide, sodium carbonate, sodium polysulfide.

PESTICIDE CHEMICALS WHICH ARE EXEMPT FROM THE REQUIREMENT OF A TOLERANCE

A. When applied to growing crops, in accordance with good agricultural practice, the following pesticide chemicals are exempt from the requirement of a tolerance:

1) **The following copper compounds:**
   Bordeaux mixture
   copper acetate
   basic copper carbonate (malachite)
   copper-lime mixtures
   copper oleate
   copper oxychloride
   copper silicate
   copper sulfate basic
   copper sulfate monohydrate
   copper-zinc chromate
   cuprous oxide
   tetra copper calcium oxychloride
2) **Allethrin (allyl homolog of cinerin I) on beans, broccoli, brussels sprouts, cabbage, cauliflower, collards, horseradish, kale, kohlrabi, lettuce, mushrooms, mustard greens, radish, rutabagas, turnips.**
3) **N-Ocytylbicyclo-(2,2,1) — 5-heptene-2,3-dicarboximide**
4) **Petroleum oils**
5) **Piperonyl butoxide**
6) **Piperonyl cyclonene**
7) **N-Propyl isome**
8) **Pyrethrum and pyrethrins**
9) **Rotenone or derris or cubé roots**
10) **Ryania**
11) **Sabadilla**

These pesticides are not exempted from the requirement of a tolerance when applied to a crop at the time of or after harvest. Tolerances have been established for post-harvest uses of some of these pesticides. See under specific crops.

B. When applied to raw agricultural commodities after harvest in accordance with good agricultural practice, the following pesticide chemicals are exempt from the requirements of a tolerance:

1) **Carbon disulfide (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
2) **Ammonia (exempt for post-harvest use on grapefruit, lemons, oranges.)**
3) **Carbon tetrachloride (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
4) **Ethylene dichloride (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
5) **Ethylene dibromide (organic bromide residues exempt when used as a fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
   A tolerance of 50 p.p.m. of inorganic bromide residues (calculated as Br.) from ethylene dibromide when used as a grain fumigant has been set on the same crops.
6) **Chloropicrin (exempt when used as a fumigant for the following grains: barley, buckwheat, corn, oats, rice, rye, grain sorghum, wheat.)**
7) **Chloroform (exempt when used as post-harvest fumigant on barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat.)**
8) **Methylene chloride (exempt when used as a fumigant for the following grains: barley, corn, oats, popcorn, rice, rye, sorghum (milo), wheat)**

ZERO TOLERANCES

The following poisonous or deleterious substances should not be used under conditions that will leave any toxic residues from them on fruits or vegetables as prepared for market.

Calcium cyanide (tolerances established for certain uses. See under specific crops.)
Dinitro-O-sec. butylphenol.
Dinitro-O-cresol.
Hexaethyl tetraphosphate.
Mercury-containing compounds.
Hydrocyanic acid (tolerances established for post-harvest use. See under specific crops.)
Selenium and selenium compounds.
Tetraethyl pyrophosphate.

The Zero Tolerances listed above are from the 1950 hearings. Other Zero Tolerances established under the Miller Amendment are listed under specific crops.

NOTE: Many uses of pesticides leave no residues when the pesticides are used as directed. Where no residues result from a certain use of a pesticide, it is not necessary to obtain a formal tolerance. However, this has been done in some instances and a number of Zero tolerances have been established because no residues result from use of the pesticides according to directions. For detailed information on specific pesticides consult the manufacturer.

Unless otherwise stated tolerances apply to residues from pre-harvest or pre-slaughter applications of pesticide chemicals.

FRUITS

(1) Apples, pears, and quinces.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlorbenside	3 p.p.m.
1,1-bis (*p*-Chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Chlordane	0.3 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
2,4-Dichlorophenoxy acetic acid	5 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Glyodin	5 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	5 p.p.m. of inorganic bromide calculated as Br.
Methoxychlor	14 p.p.m.
Naphthalene acetic acid	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Phenothiazine	7 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Apples and Pears.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
p-chlorophenyl phenyl sulfone	8 p.p.m.
Dalapon	3 p.p.m. as 2,2-dichloropropionic acid.
Demeton	0.75 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ethyl 4,4'-dichlorobenzilate	5 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.5 p.p.m.
1-naphthyl *N*-methylcarbamate	10 p.p.m.
Ovex	3 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium-*o*-phenylphenate (post-harvest use)	25 p.p.m. calculated as *o*-phenylphenol.

Apples.

Pesticide	*Tolerance*
Dichlone	3 p.p.m.
Heptachlor	Zero
Maneb	7 p.p.m.
Manganous dimethyldithiocarbamate	7 p.p.m. as zinc ethylene-bisdithiocarbamate.
Mercaptobenzothiazole	0.1 p.p.m. as 2,2'-dithiobisbenzothiazole.
Thiram	7 p.p.m.

Crabapples.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlorbenside	3 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

CRABAPPLES—*Continued*

1,1-bis (*p*-Chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate	2 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Pears.

Pesticide	*Tolerance*
Basic copper carbonate (post-harvest application)	3 p.p.m. of combined copper
Dodine	5 p.p.m.

(2) Apricots.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-Chlorophenyl)-2,2,2-trichloroethanol	10 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
Dalapon	1 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate	2 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(3) Avocados.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Monuron	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.

Blackberries. For tolerances established for pesticide residues on blackberries, see "Raspberries, blackberries, etc."

(4) Blueberries (huckleberries).

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
2-(*p*-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite	Zero.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Ziram	7 p.p.m.

(5) Cherries.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
DDT	7 p.p.m.
Dichlone	3 p.p.m.
1,1-Dichloro-2,2-bis (p-ethylphenyl) ethane	15 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol	1 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate	2 p.p.m.
EPN	3 p.p.m.
Ethylene dibromide (USDA Quarantine Program)	25 p.p.m. of total combined bromines.
Ferbam	7 p.p.m.
Glyodin	5 p.p.m.
Heptachlor	Zero
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
1-naphthyl *N*-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Sour cherries.

Pesticide	*Tolerance*
Dodine	5 p.p.m.

(6) Citrus fruits

Grapefruit, lemons, limes, oranges, tangerines.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	10 p.p.m.
S-(*p*-chlorophenylthio) methyl *O,O*-diethyl phosphorodithioate	2 p.p.m.
DDT	7 p.p.m.
2, 4, Dichlorophenoxy acetic acid	5 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol	1 p.p.m.
2,3-*p*-dioxanedithiol S,S-bis(O,O-diethyl phosphorodithioate)	2.8 p.p.m.
Dieldrin	0.25 p.p.m.
Dinitro-O-cyclohexylphenol	1 p.p.m.
Ethylene dibromide (USDA Quarantine Program)	10 p.p.m. of inorganic bromide calculated as Br.
EPN	3 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	1 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Sodium-o-phenylphenate (post-harvest use)	10 p.p.m.
Tartar emetic	3.5 p.p.m. of combined antimony trioxide.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.

Grapefruit, oranges, lemons, tangerines.

Pesticide	*Tolerance*
Ovex	5 p.p.m.

Grapefruit, lemons, oranges.

Pesticide	*Tolerance*
2-(*p*-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite	Zero.
Demeton	0.75 p.p.m.
Diphenyl (post-harvest use)	110 p.p.m.

Grapefruit and tangerines.

Ethyl 4,4-dichlorobenzilate	5 p.p.m.
2,4,5,4′-tetrachlorodiphenyl sulfone	2 p.p.m.

Lemons and oranges.

Pesticide	*Tolerance*
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
Ethyl 4,4′-dichlorobenzilate	5 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

Oranges.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
2,4,5,4′-tetrachlorodiphenyl sulfone	2 p.p.m.

Limes.

Pesticide	*Tolerance*
2,4,5,4′-tetrachlorodiphenyl sulfone	2 p.p.m.

Citrus citron.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Sodium-o-phenylphenate (post harvest use)	10 p.p.m.
2,4,5,4′-tetrachlorodiphenyl sulfone	2 p.p.m.

Kumquats.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	10 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Sodium-o-phenylphenate (post-harvest use)	10 p.p.m.

Tangelos.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	10 p.p.m.
S-(*p*-chlorophenylthio) methyl *O,O*-diethyl phosphorodithioate.	2 p.p.m.
2,3-*p*-dioxanedithiol S,S-bis(O,O-diethyl phosphorodithioate).	2.8 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Sodium-o-phenylphenate (post-harvest use)	10 p.p.m.
2,4,5,4′-tetrachlorodiphenyl sulfone	2 p.p.m.

(7) Cranberries.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dalapon	5 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m
Nicotine-containing compounds	2 p p.m. of nicotine
Parathion	1 p.p.m.
Toxaphene	7 p.p.m
Zineb	7 p.p.m.
Ziram	7 p.p.m

(8) Currants.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Zineb	7 p.p.m.

(9) Dates.

Pesticide	*Tolerance*
Ferbam	7 p p.m.
Malathion	8 p.p.m.
Parathion	1 p.p.m.

(10) Figs.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O* diethyl phosphorodithioate.	0.8 p.p.m
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Malathion	8 p.p.m
Maneb	7 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

(11) Gooseberries.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Zineb	7 p.p.m
Ziram	7 p.p.m.

Grapefruit. For tolerance established for pesticide residues on grapefruit, see "Citrus fruits."

(12) Grapes.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dalapon	3 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Demeton	1.25 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Diuron	1 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m
1-naphthyl *N*-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium arsenate	3.5 p.p.m. of combined As_2O_3.
Tartar emetic	3.5 p.p.m. of combined antimony trioxide.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(13) Guavas.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
DDT	7 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Zineb	7 p.p.m.

Lemons. For tolerances established for pesticide residues on lemons see "Citrus fruits."

Loganberries. For tolerances established for pesticide residues on loganberries, see "Raspberries, etc."

(14) Mangoes.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

MANGOES—*Continued*

Dieldrin	0.1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Nectarines. For tolerances established for pesticide residue on nectarines, see "Peaches and nectarines."

Oranges. For tolerances established for pesticide residues on oranges, see "Citrus fruits."

(15) Papayas.

Pesticide	*Tolerance*
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Methyl bromide (post harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.

(16) Passion fruit.

Pesticide	*Tolerance*
Malathion	8 p.p.m.

(17) Peaches and Nectarines.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlorbenside	3 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	10 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl *S*-(4-oxo-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 pp..m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Peaches.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
p-chlorophenyl phenyl sulfone	8 p.p.m.
Dalapon	15 p.p.m. as 2,2-dichloropropionic acid.
Dichlone	3 p.p.m.
Glyodin	5 p.p.m.
Heptachlor	Zero.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
1-naphthyl *N*-methylcarbamate	10 p.p.m.
Ovex	3 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium-o-phenylphenate (post-harvest use)	20 p.p.m.
Thiram	7 p.p.m.

Pears. For tolerances established for pesticide residues on pears, see "Apples, pears and quinces."

(18) Pineapples.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
Dalapon	3 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
Diuron	1 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ethylene dibromide (soil treatment)	40 p.p.m. of inorganic bromide calculated as Br.
EPN	3 p.p.m.
Heptachlor	Zero.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Sodium-o-phenylphenate (post-harvest use)	10 p.p.m.

(19) Plums (fresh prunes).

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlorbenside	3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dalapon	1 p.p.m. as 2,2-dichloropropionic acid.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dichlone	3 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl *S*-(4-oxo-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	25 p.p.m. of total combined bromines.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
1-naphthyl N-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Ovex	3 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.

Quinces. For tolerances established for pesticide residues on quinces see "Apples, pears and quinces."

(20) Raspberries, blackberries, loganberries, and related berries.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Glyodin	5 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

RASPBERRIES, BLACKBERRIES, LOGANBERRIES, and etc.—*Continued.*

Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Boysenberries and dewberries.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	4 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Malathion	8 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Raspberries.

Pesticide	*Tolerance*
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.

(21) Rhubarb.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.

(22) Strawberries.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
Dichlone	15 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
EPN	3 p.p.m.
Ethion	1 p.p.m.
Ethylene dibromide (soil treatment)	5 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
1-naphthyl N-methylcarbamate	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Sesone	2 p.p.m.
Sodium dehydroacetate (post-harvest application).	65 p.p.m. calculated as dehydroacetic acid.
TDE	7 p.p.m.
Thiram	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Tangerines. For tolerances established for pesticide residues on tangerines, see "Citrus fruits."

VEGETABLES

(23) Artichokes.

Pesticide	*Tolerance*
DDT	7 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.

(24) Asparagus.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Dalapon	30 p.p.m. as 2,2-dichloropropionic acid.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (soil treatment)	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Monuron	7 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Sesone	2 p.p.m.
Sodium 2,4-dichlorophenoxyacetate	5 p.p.m. as 2,4-D

(25) Beans, green beans, snap beans, lima beans, and black-eyed peas.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dicyclohexylamine salt of dinitro-O-cyclohexylphenol.	1 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Magnesium arsenate	3.5 p.p.m. of combined As_2O_3.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Beans.

Pesticide	*Tolerance*
Aldrin	Zero.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Demeton	0.3 p.p.m.
Dichlone	3 p.p.m.
Dieldrin	Zero.
Ethion	1 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	0.25 p.p.m.
1-naphthyl *N*-methylcarbamate	10 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Beans (dried).

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.

Green Beans.

Pesticide	*Tolerance*
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

Lima Beans.

Pesticide	*Tolerance*
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ethylene dibromide (soil treatment)	5 p.p.m. of inorganic bromide calculated as Br.

Snap Beans.

Pesticide	*Tolerance*
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.

Blackeyed peas.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.
Heptachlor	Zero.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

(26) Beets.

Beets (garden) (with or without tops) or beet greens alone.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Ziram	7 p.p.m.

Beets (garden) roots only.

Pesticide	*Tolerance*
Heptachlor	Zero.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Zineb	7 p.p.m.

Beets (garden) tops only.

Pesticide	*Tolerance*
Zineb	25 p.p.m.

Sugar beets and sugar beet tops.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthio) methyl *O,O*-diethyl phosphorodithioate.	5 p.p.m.
Dalapon	5 p.p.m. as 2,2-dichloropropionic acid.
Endrin	Zero.

Sugar beets (but not tops).

Pesticide	*Tolerance*
EPN	3 p.p.m.
Heptachlor	Zero.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

(27) Broccoli.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
1,1-Dienloro-2,2-bis (p-ethylphenyl) ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Brussels sprouts. For tolerances established for pesticide residues on brussels sprouts, see "Cabbage, brussels sprouts, etc."

(28) Cabbage, brussels sprouts, kohlrabi, cauliflower.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
Copper arsenate	3.5 p.p.m. of combined As_2O_3.
DDT	7 p.p.m.
1,1-Dichloro-2,2-bis (p-ethylphenyl) ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Cabbage, brussels sprouts, cauliflower.

Pesticide	*Tolerance*
Demeton	0.75 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.

Brussels sprouts, kohlrabi, cauliflower.

Pesticide	*Tolerance*
Maneb	10 p.p.m.

Cabbage.

Pesticide	*Tolerance*
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
Endrin	Zero.
Maneb	10 p.p.m.

Chinese cabbage.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Maneb	10 p.p.m.
Zineb	25 p.p.m.

Cauliflower.

Pesticide	*Tolerance*
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
Ethylene dibromide (soil treatment)	10 p.p.m. of inorganic bromide calculated as Br.

(29) Carrots (with or without tops) or carrot tops.

Pesticide	*Tolerance*
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
Copper arsenate	3.5 p.p.m. of combined As_2O_3.
DDT	7 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Carrots.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Heptachlor	Zero.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

Cauliflower. For tolerances established for pesticide residues on cauliflower, see "Cabbage, brussels sprouts, etc."

(30) Celery.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p*-*tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	Zero.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

CELERY—*Continued*

Dichlone	3 p.p.m.
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	10 p.p.m.
Dicyclothexylamine salt of Dinitro-O-cyclohexylphenol.	1 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ferbam	7 p.p.m.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Collards. For tolerances established for pesticide residues on collards, see "Kale and collards."

(31) Corn (fresh vegetable).

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
EPN	3 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero.
Lindane	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.

Sweet corn (kernels and forage thereof).

Pesticide	*Tolerance*
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.

Corn (Kernels plus cob with husk removed).

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	2 p.p.m.
Maneb	7 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

(32) Cucumbers.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	30 p.p.m. of inorganic bromide calculated as Br.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(33) Eggplants.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlorbenside	3 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(34) Endive and escarole.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
Parathion	1 p.p.m.
Zineb	25 p.p.m.

(35) Kale and collards.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Zineb	25 p.p.m.
Ziram	7 p.p.m.

Kohlrabi. For tolerances established for pesticide residues on kohlrabi, see "Cabbage, brussels sprouts, kohlrabi."

(36) Lettuce.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Demeton	0.75 p.p.m.
1,1-Dichloro-2,2-bis (p-ethylphenyl) ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
EPN	3 p.p.m.
Ethylene dibromide (soil treatment)	30 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.5 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	25 p.p.m.
Ziram	7 p.p.m.

Romaine.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Zineb	25 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

Lima Beans. For tolerances established for pesticide residues on lima beans, see "Beans, green beans, etc."

(37) Melons, including cantaloupes, muskmelons, watermelons, and other melons.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
DDT	7 p.p.m.
Ethion	1 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Sodium dimethyldithiocarbamate (post-harvest use)	25 p.p.m. as zinc ethylene-bisdithiocarbamate.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Cantaloupes.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dieldrin	Zero.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Ethyl 4,4'-dichlorobenzilate	5 p.p.m.
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Sodium-*o*-phenylphenate (post-harvest use)	125 p.p.m. (not more than 10 p.p.m on edible portion, calculated as *o*-phenylphenol.)
Tetraiodoethylene (post-harvest application)	15 p.p.m.

Honeydew melons.

Pesticide	*Tolerance*
Captan	100 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.

Muskmelons.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Demeton	0.75 p.p.m.
Dieldrin	Zero.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Watermelons.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
2-(p-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dieldrin	Zero.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.

Bitter melon (Mormodica charantia).

Pesticide	*Tolerance*
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

(38) Mushrooms.

Pesticide	*Tolerance*
DDT	7 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Zineb	7 p.p.m.

(39) Mustard greens.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Zineb	25 p.p.m.

(40) Okra.

Pesticide	*Tolerance*
Benzene hexachloride	5 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.

(41) Onions (including green onions).

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	2 p.p.m.
Ethion	1 p.p.m.
Ferbam	7 p.p.m.
Heptachlor	Zero.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Tartar emetic	3.5 p.p.m. of combined antimony trioxide.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Onions (dry bulbs only).

Pesticide	*Tolerance*
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	1 p.p.m.
Monuron	1 p.p.m.

Garlic.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	1 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

Leeks.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.

Shallots.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

(42) Parsley.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Zineb	7 p.p.m.

(43) Parsnips (with or without tops) or parsnip greens alone.

Pesticide	*Tolerance*
DDT	7 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Toxaphene	7 p.p.m.

Parsnips (roots only).

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Malathion	8 p.p.m.

(44) Peanuts.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion (post-harvest application)	8 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m. (determined on the nuts with shell removed).
Pyrethrins (post-harvest use)	1 p.p.m. (determined on the nuts with shell removed).
Sesone	6 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(45) Peas.

Pesticide	*Tolerance*
Aldrin	Zero.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dieldrin	Zero.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Peas (dried).

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.

Peas (with pods).

Pesticide	*Tolerance*
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

Cowpeas.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.
Heptachlor	Zero.
Methoxychlor	100 p.p.m.

(46) Peppers (Pimientos).

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	30 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Peppers (bell).

Pesticide	*Tolerance*
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

(47) Potatoes. Tolerances are not needed for those pesticides applied only to the foliage of potatoes and that are not translocated to the tubers.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
Dalapon	10 p.p.m. as 2,2-dichloropropionic acid.
Demeton	0.75 p.p.m.
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	1 p.p.m.
Dieldrin	0.1 p.p.m.
Diuron	1 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	75 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Malathion	8 p.p.m.
Maneb	0.1 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methyl bromide (post-harvest fumigation)	75 p.p.m. of inorganic bromide calculated as Br.
Sesone	6 p.p.m.

(48) Pumpkins.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
DDT	7 p.p.m.
Dieldrin	Zero.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(49) Radishes (with or without tops) or radish tops.

Pesticide	*Tolerance*
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

Radishes.

Pesticide	Tolerance
Aldrin	0.25
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Heptachlor	Zero.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

Horseradish.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dieldrin	0.1 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Toxaphene	7 p.p.m.

Rutabagas (with or without tops) or rutabaga tops. For tolerances established for pesticide residues on rutabagas, see "Turnips and rutabagas."

(50) Salsify.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.
Zineb	7 p.p.m.

Salsify root.

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dieldrin	0.1 p.p.m.

Salsify tops.

Pesticide	Tolerance
Dieldrin	0.25 p.p.m.

(51) Spinach.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
DDT	7 p.p.m.
1,1-Dichloro-2,2-bis (p-ethylphenyl) ethane	15 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	14 p.p.m.
Monuron	1 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	25 p.p.m.
Ziram	7 p.p.m.

(52) Squash (summer and winter squash).

Pesticide	Tolerance
Benzene hexachloride	5 p.p.m.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
DDT	7 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Summer squash.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
Dieldrin	0.25 p.p.m.
Endrin	Zero.
Ethylene dibromide (soil treatment)	50 p p.m. of inorganic bromide calculated as Br.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

Winter squash.

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Aldrin	0.1 p.p.m.
Dieldrin	Zero.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.

Zucchini squash.

Pesticide	Tolerance
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.

(53) Sweet potatoes. Tolerances are not needed for those pesticides applied only to foliage of sweet potatoes and which are not translocated to the tubers.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Chlordane	0.3 p.p.m.
DDT (post-harvest use)	7 p.p.m.
Dieldrin	0.1 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Methyl bromide (post-harvest fumigation)	75 p.p.m. of inorganic bromide calculated as Br.

Yams.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

(54) Swiss chard.

Pesticide	Tolerance
Aldrin	0.25 p.p.m.
Benzene hexachloride	5 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	25 p.p.m.

(55) Tomatoes.

Pesticide	Tolerance
Aldrin	0.1 p.p.m.
Allethrin (post-harvest use)	4 p.p.m.
Benzene hexachloride	5 p.p.m.
2-(*p*-*tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite.	Zero.
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Chlordane	0.3 p.p.m.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	0.8 p.p.m.
Copper arsenate	3.5 p.p.m. of combined As_2O_3.
Dichlone	3 p.p.m.
2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	10 p.p.m.
DDT	7 p.p.m.
Dieldrin	0.1 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	0.75 p.p.m.
Endrin	Zero.
EPN	3 p.p.m.
Ethion	1 p.p.m.
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.
Ferbam	7 p.p.m.
Fluorine compounds	7 p.p.m. of combined fluorine.
Heptachlor	Zero.
Lead arsenate	7 p.p.m. of combined lead.
Lindane	10 p.p.m.
Malathion	8 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor	14 p.p.m.
Methyl bromide (post-harvest fumigation)	20 p.p.m. of inorganic bromide calculated as Br.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

TOMATOES—*Continued*

Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
TDE	7 p.p.m.
Thiram	7 p.p.m.
Toxaphene	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

(56) Turnips or rutabagas (with or without tops) or turnip greens or rutabaga tops.

Pesticide	*Tolerance*
Calcium arsenate	3.5 p.p.m. of combined As_2O_3.
Chlordane	0.3 p.p.m.
DDT	7 p.p.m.
EPN	3 p.p.m.
Ferbam	7 p.p.m.
Flourine compounds	7 p.p.m. of combined As_2O_3.
Methoxychlor	14 p.p.m.
Nicotine-containing compounds	2 p.p.m. of nicotine.
Parathion	1 p.p.m.
TDE	7 p.p.m.
Zineb	7 p.p.m.
Ziram	7 p.p.m.

Turnips with tops.

Pesticide	*Tolerance*
Heptachlor	Zero.
Malathion	8 p.p.m.

Rutabagas.

Pesticide	*Tolerance*
Toxaphene	7 p.p.m.

Rutabagas (yellow turnips) without tops.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Heptachlor	Zero.
Malathion	8 p.p.m.

Turnips and Rutabagas.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Dieldrin	0.25 p.p.m.
Methyl bromide (post-harvest fumigation)	30 p.p.m. of inorganic bromide calculated as Br.

Turnip tops.

Pesticide	*Tolerance*
Aldrin	0.25 p.p.m.
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Dieldrin	0.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Maneb	10 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	1 p.p.m.

Turnips.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Maneb	7 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.

Grain crops.

(57) Barley.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromid calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.

(58) Buckwheat.

Pesticide	*Tolerance*
Calcium cyanide (post-harvest use)	25 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.

(59) Corn grain (includes popcorn).

Pesticide	*Tolerance*
Aldrin	Zero.
Allethrin (post harvest use)	2 p.p.m.
Calcium cyanide (post harvest use)	25 p.p.m.
Dieldrin	Zero.
Ethylene dibromide (post harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post harvest fumigation)	25 p.p.m.
Malathion (post harvest application)	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Mineral oil (post harvest application)	200 p.p.m.
Piperonyl butoxide (post harvest use)	20 p.p.m.
Pyrethrins (post harvest application)	3 p.p.m.

Popcorn grain.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post harvest uses)	100 p.p.m.

Field corn.

Pesticide	*Tolerance*
1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer.	0.25 p.p.m.

(60) Oats.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Toxaphene	5 p.p.m.

(61) Rice.

Pesticide	*Tolerance*
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.

(62) Rye.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.

(63) Wheat.

Pesticide	*Tolerance*
Allethrin (post-harvest use)	2 p.p.m.
Calcium cyanide (post-harvest use)	25 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Parathion	1 p.p.m.
Piperonyl butoxide (post-harvest application)	20 p.p.m.
Pyrethrins (post-harvest application)	3 p.p.m.
Toxaphene	5 p.p.m.
Zineb	1 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

(64) Oat grain, Barley grain, Rice grain, Rye grain, Wheat grain.

Pesticide	*Tolerance*
Aldrin	0.1 p.p.m.
Dieldrin	0.1 p p m.
Malathion (post-harvest application)	8 p.p.m.

Wheat grain.

Pesticide	*To erance*
Diuron	1 p.p.m.

(65) Sorghum grain.

Pesticide	*Tolerance*
Calcium cyanide (post-harvest use)	25 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor (storage bin treatment)	2 p.p.m.
Malathion (post-harvest application)	8 p.p.m.

(66) Grain sorghum (Milo).

Pesticide	*Tolerance*
Allethrin (post-harvest use)	2 p.p.m.
Ethylene dibromide (post-harvest fumigant)	50 p.p.m. of inorganic bromide calculated as Br.
Heptachlor	Zero.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

(67) Grain Sorghum.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.
Mineral oil (post-harvest application)	200 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Hay and forage crops.

(68) Alfalfa.

Pesticide	*Tolerance*
Aldrin	Zero.
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	Zero.
Demeton	5 p.p.m.
Dieldrin	Zero.
Diuron	2 p.p.m.
Heptachlor	Zero.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	100 p.p.m.
Parathion	1 p.p.m.

(69) Alfalfa hay.

Pesticide	*Tolerance*
Demeton	12 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

(70) Clover (including sweet clover).

Pesticide	*Tolerance*
Aldrin	Zero.
Demeton	5 p.p.m.
Dieldrin	Zero.
Heptachlor	Zero.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Methoxychlor	100 p.p.m.
Parathion	1 p.p.m.

Clover hay.

Pesticide	*Tolerance*
Demeton	12 p.p.m.

Birdsfoot trefoil (hay, forage).

Pesticide	*Tolerance*
Diuron	2 p.p.m.

(71) Cowpea hay.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.

(72) Corn forage.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.
Malathion	8 p.p.m.
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.
Parathion	1 p.p.m.

Sweet corn forage.

Pesticide	*Tolerance*
Ethylene dibromide (soil treatment)	50 p.p.m. of inorganic bromide calculated as Br.

(73) Grass and grass hay. Grass, pasture and range.

Pesticide	*Tolerance*
Heptachlor	Zero.

Grass for forage.

Pesticide	*Tolerance*
Methoxychlor	100 p.p.m.
Parathion	1 p.p.m.

Grass crops (grass hay).

Pesticide	*Tolerance*
Diuron	2 p.p.m.

(74) Grain Sorghum forage.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.

Sorghum forage.

Pesticide	*Tolerance*
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.

(75) Lespedeza.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.

(76) Oat straw, Rice straw, Barley straw, Rye straw, Wheat straw.

Pesticide	*Tolerance*
Aldrin	0.75 p.p.m.
Dieldrin	0.75 p.p.m.

Wheat hay, wheat forage, wheat straw.

Pesticide	*Tolerance*
Diuron	2 p.p.m.

(77) Pea forage.

Pesticide	*Tolerance*
Parathion	1 p.p.m.

Pea vines.

Pesticide	*Tolerance*
1-methoxycarbonyl-1-propen-2-yl dimethyl-phosphate & its beta isomer.	1 p.p.m.

(78) Pea hay.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.

(79) Peanut forage.

Pesticide	*Tolerance*
Methoxychlor	100 p.p.m.

(80) Peanut hulls and hay.

Pesticide	*Tolerance*
Sesone	6 p.p.m.

(81) Peanut hay.

Pesticide	*Tolerance*
Aldrin	Zero.

(82) Soybean forage.

Pesticide	*Tolerance*
2-(*p-tert*-butylphenoxy)-isopropyl-2-chloro-ethyl sulfite.	Zero.
Methoxychlor	100 p.p.m.

(83) Soybean hay.

Pesticide	*Tolerance*
Aldrin	Zero.
Dieldrin	Zero.

(84) Vetch.

Pesticide	*Tolerance*
Parathion	1 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

(85) Tree nuts.

Almonds.

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Demeton	0.75 p.p.m.
EPN	0.5 p.p.m.
Ferbam	0.1 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Maneb	0.1 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Ziram	0.1 p.p.m.

Almond hulls.

Pesticide	Tolerance
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthio) methyl *O,O*-diethyl phosphorodithioate.	2 p.p.m.
Demeton	5 p.p.m.

Brazil nuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Bush nuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Butternuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Cashews.

Pesticide	Tolerance
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.

Chestnuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated a Br.

Filberts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.

Hazel nuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Toxaphene	7 p.p.m.

Hickory nuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Toxaphene	7 p.p.m.

Litchi nuts.

Pesticide	Tolerance
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

Pecans.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Demeton	0.75 p.p.m.
EPN	0.5 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Toxaphene	7 p.p.m.
Ziram	0.1 p.p.m.

Pistachio nuts.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide caclulated as Br.

Walnuts.

Pesticide	Tolerance
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	5 p.p.m.
Demeton	0.75 p.p.m.
EPN	0.5 p.p.m.
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Malathion	8 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.
Toxaphene	7 p.p.m.

English Walnuts.

Pesticide	Tolerance
Schradan	0.75 p.p.m.

(86) Meat, Fish, and Poultry.

Fat of Meat from Cattle, Sheep or Hogs.

Pesticide	Tolerance
DDT	7 p.p.m.
Methoxychlor	3 p.p.m.

Fat of Meat from Cattle, Goats, Hogs, and Sheep.

Pesticide	Tolerance
Toxaphene	7 p.p.m.

Fish (vertebrate), whole, headed, or gutted, in fresh, uncooked, unfrozen, form.

Pesticide	Tolerance
Chlortetracycline	5 p.p.m.

Meat and meat by-products from cattle, goats, hogs, sheep, poultry.

Pesticide	Tolerance
Malathion	4 p.p.m.

Poultry (uncooked).

Pesticide	Tolerance
Chlortetracycline	7 p.p.m.
Oxytetracycline	7 p.p.m.

Scallops (shucked), in fresh, uncooked, unfrozen form.

Pesticide	Tolerance
Chlortetracycline	5 p.p.m.

Shrimp (unpeeled), in fresh, uncooked, unfrozen form.

Pesticide	Tolerance
Chlortetracycline	5 p.p.m.

(87) Milk.

Pesticide	Tolerance
Malathion	Zero.
Methoxychlor	Zero.

(88) Eggs.

Pesticide	Tolerance
Malathion	Zero.

(89) Other raw agricultural commodities.

Birdseed Mixtures.

Pesticide	Tolerance
Piperonyl butoxide	20 p.p.m.
Pyrethrins	3 p.p.m.

Cavandish bananas.

Pesticide	Tolerance
Ethylene dibromide (USDA Quarantine Program).	10 p.p.m. of inorganic bromide calculated as Br.

Cipollini bulbs.

Pesticide	Tolerance
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.

Cocoa beans.

Pesticide	Tolerance
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.
Methyl bromide (post-harvest fumigation)	50 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

In addition to tolerances listed below, refer also to page 3 for certain uses of pesticide chemicals which are exempt from the requirements of a tolerance.

Copra.

Pesticide	*Tolerance*
Ethylene oxide (post-harvest fumigation)	50 p.p.m.
Methyl bromide (post-harvest fumigation)	100 p.p.m. of inorganic bromide calculated as Br.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Cotton.

Pesticide	*Tolerance*
Heptachlor	Zero.

Cotton seed.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.2 p.p.m.
Dalapon	35 p.p.m. as 2,2-dichloropropionic acid.
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	0.1 p.p.m.
O,O-dimethyl *S*-(4-*oxo*-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate.	0.5 p.p.m.
Diuron	1 p.p.m.
Endrin	Zero.
EPN	0.5 p.p.m.
Ethylene dibromide (soil treatment)	25 p.p.m. of inorganic bromide calculated as Br.
Malathion	2 p.p.m.
Methyl bromide (post-harvest fumigation)	200 p.p.m. of inorganic bromide calculated as Br.
Monuron	1 p.p.m.
1-naphthyl *N*-methylcarbamate	5 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Dandelions.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.

Fennel.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.

Flaxseed.

Pesticide	*Tolerance*
Dalapon	75 p.p.m.
Piperonyl butoxide (post-harvest use)	8 p.p.m.
Pyrethrins (post-harvest use)	1 p.p.m.

Hops.

Pesticide	*Tolerance*
1,1-bis (*p*-chlorophenyl)-2,2,2-trichloroethanol	30 p.p.m.
Demeton	1.25 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	0.75 p.p.m.
Parathion	1 p.p.m.
Zineb	60 p.p.m.

Olives.

Pesticide	*Tolerance*
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate.	1 p.p.m.
EPN	3 p.p.m.
Parathion	1 p.p.m.

Peppermint.

Pesticide	*Tolerance*
Malathion	8 p.p.m.

Sesame.

Pesticide	*Tolerance*
Hydrogen cyanide (post-harvest fumigation)	25 p.p.m.

Spearmint.

Pesticide	*Tolerance*
Malathion	8 p.p.m.

Soy beans.

Pesticide	*Tolerance*
Aldrin	Zero.
S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate.	0.8 p.p.m.
Dieldrin	Zero.

Soybeans (dry and succulent forms).

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.

Sugarcane.

Pesticide	*Tolerance*
Diuron	1 p.p m
Heptachlor	Zero.
Monuron	1 p.p.m.

Watercress.

Pesticide	*Tolerance*
Captan (pre-harvest and/or post-harvest uses)	100 p.p.m.
Malathion	8 p.p.m.

Whole spices.

Pesticide	*Tolerance*
Ethylene oxide (post-harvest fumigation)	50 p.p.m.

Whole spices (specified).

Allspice, anise, basil, bay, black pepper, caraway, cassia, celery seed, chili, cinnamon, cloves, coriander, cumin, dill, ginger, mace, marjoram, nutmeg, oregano, paprika, poppy, red pepper, rosemary, sage, savory, thyme, turmeric, white pepper.

Pesticide	*Tolerance*
Hydrogen cyanide (post-harvest fumigation)	250 p.p.m.

COMMON, CHEMICAL, AND/OR TRADE NAMES OF PESTICIDES. LIST PREPARED AND DISTRIBUTED BY FOOD AND DRUG ADMINISTRATION, U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, FEBRUARY, 1960.

Common Name	*Chemical Name*	*Trade Name*
aldrin	1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,4,5,8-dimethanonaphthalene	
allethrin	allyl homolog of cinerin I	
ammonia	ammonia	
benzene hexachloride (BHC)	1,2,3,4,5,6-hexachlorocyclohexane	
	2-(*p-tert*-butylphenoxy)-isopropyl-2-chloroethyl sulfite	Aramite
calcium arsenate	calcium arsenate	
calcium cyanide	calcium cyanide	
captan	*N*-trichloromethyl mercapto-4-cyclohexene-1,2-dicarboximide	
carbon disulfide	carbon disulfide	
carbon tetrachloride	carbon tetrachloride	
chlorbenside	*p*-chlorobenzyl *p*-chlorophenyl sulfide	Mitox
chlordane	1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-4,7-methanoindene	
chloroform	chloroform	
	p-chlorophenyl phenyl sulfone	Sulphenone
	1,1-bis *p*-chlorophenyl)-2,2,2-trichloroethanol	Kelthane
	S-(*p*-chlorophenylthiomethyl) *O,O*-diethyl phosphorodithioate	Trithion
chloropicrin	trichloronitromethane	
chlortetracycline	chlortetracycline	Aureomycin
copper arsenate	copper arsenate	
copper carbonate (basic)	basic copper carbonate	
copper compounds (other)	Bordeaux mixture, copper acetate, copper-lime mixtures, copper oleate, copper oxychloride, copper silicate, copper sulfate (basic), copper sulfate monohydrate, copper-zinc chromate, cuprous oxide, tetra copper calcium oxychloride	
dalapon	sodium 2,2-dichloropropionate as 2,2-dichloropropionic acid	
DDT	a mixture of 1,1,1-trichloro-2,2-bis (*p*-chlorophenyl) ethane and 1,1,1-trichloro-2-(*o*-chlorophenyl)-2-(*p*-chlorophenyl) ethane	
demeton	*O,O*-diethyl (2-ethylmercaptoethyl) thiophosphate, a mixture of thiono and thiol isomers	Systox

Common Name	Chemical Name	Trade Name
dichlone	2,3-dichloro-1,4-naphthoquinone	Phygon
	1,1-dichloro-2,2-bis (*p*-ethylphenyl) ethane	Perthane
	2,4-dichloro-6-*o*-chloroanilino-*s*-triazine	Dyrene
2,4-D	2,4-dichlorophenoxy acetic acid	
	Dicyclohexylamine salt of dinitro-*o*-cyclohexylphenol	
dieldrin	1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a, 5,6,7,8,8a-octahydro-1,4,5,8-dimethanonaphthalene	
	O,O-diethyl *O*-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate	Diazinon
	O,O-dimethyl *S*-(4-oxo-1,2,3-benzotriazinyl-3-methyl) phosphorodithioate	Guthion
	dinitro-*o*-cresol	
	dinitro-*o*-cyclohexylphenol	
	dinitro-*o*-*sec.* butylphenol	
	2,3-*p*-dioxanedithiol S,S-bis (O,O-diethyl phosphorodithioate)	Delnav
diphenyl, biphenyl	diphenyl	
diuron	3-(3,4-dichlorophenyl)-1,1-dimethylurea	Karmex DW
dodine	N-dodecylguanidine acetate	
endrin	1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a, 5,6,7,8,8a-octahydro-1,4-*endo*-*endo*-5,8-dimethanonaphthalene	
EPN	*O*-ethyl *O*-*p*-nitrophenyl benzene thiophosphonate	
ethion	O,O,O′,O′-tetraethyl S,S′-methylene bisphosphorodithioate	
	ethyl 4,4′-dichlorobenzilate	Chlorobenzilate
ethylene dibromide	ethylene dibromide	
ethylene dichloride	ethylene dichloride	
ethylene oxide	ethylene oxide	
ferbam	ferric dimethyldithiocarbamate	
fluorine compounds	cryolite, synthetic cryolite, sodium aluminum fluoride	
glyodin	2-heptadecyl glyoxalidine acetate	
heptachlor	1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	
HETP	hexaethyl tetraphosphate	
HCN	hydrogen cyanide	
lead arsenate	lead arsenate	
lime	calcium oxide	
lime sulfur	calcium polysulfide, water, free sulfur, calcium thiosulphate mixture	
lindane	gamma isomer of benzene hexachloride	
magnesium arsenate	magnesium arsenate	
malathion	*O,O*-dimethyl dithiophosphate of diethyl mercaptosuccinate	
maneb	manganous ethylenebisdithiocarbamate	
	manganous dimethyldithiocarbamate	
	mercaptobenzothiazole	
mercury-containing compounds		
	1-methoxycarbonyl-1-propen-2-yl dimethylphosphate & its beta isomer	Phosdrin
methoxychlor	2,2-bis-(*p*-methoxyphenyl)-1,1,1-trichloroethane	
methyl bromide	methyl bromide	
methylene chloride	methylene chloride	
methyl parathion	*O,O*-dimethyl-*O*-*p*-nitrophenyl thiophosphate	
mineral oil	refined petroleum oil	
monuron	3-(*p*-chlorophenyl)-1,1-dimethylurea	Karmex W
naphthalene acetic acid	naphthalene acetic acid	
	1-naphthyl *N*-methylcarbamate	Sevin
nicotine-containing compounds	nicotine sulfate & others	
	N-octylbicyclo-(2,2,1)-5-heptene-2,3-dicarboximide	MGK 264
ovex	*p*-chlorophenyl-*p*-chlorobenzene sulfonate	Ovotran
oxytetracycline	oxytetracycline	
parathion	*O,O*-diethyl *O*-*p*-nitrophenyl thiophosphate	
petroleum oils		
phenothiazine	thiodiphenylamine	
piperonyl butoxide	(butyl carbityl) (6-propyl piperonyl) ether	
piperonyl cyclonene	mixture of 3-alkyl-6-carbethoxy-5-(3,4-methylene-dioxyphenyl)-2-cyclohexene-1-one and 3-alkyl-5-(3,4-methylenedioxyphenyl)-2-cyclohexen-1-one	
potassium polysulfide	potassium polysulfide	
n-propyl isome	dipropyl 5,6,7,8-tetrahydro-7-methyl-naphtho (2,3)-1,3-dioxole-5,6-dicarboxylate	
pyrethrins	insecticidally active principles of Chrysanthemum cinerariaefolium	
rotenone or derris or cubé roots		
ryania	ryania	
sabadilla	sabadilla	
schradan	octamethylpyrophosphoramide (OMPA)	
selenium & selenium compounds		
sesone	sodium 2,4-dichlorophenoxyethyl sulfate	SES
sodium arsenate	sodium arsenate	
sodium carbonate	sodium carbonate	
	sodium dehydroacetate	
	sodium dimethyldithiocarbamate (calculated as zinc ethylenebisdithiocarbamate)	
	sodium-*o*-phenylphenate	
sodium polysulfide	sodium polysulfide	
sulfur	sulfur	
tartar emetic	potassium antimonyl tartrate	
TDE	1,1-dichloro-2,2-bis (parachlorophenyl) ethane	
TEPP	tetraethyl pyrophosphate	
	2,4,5,4′-tetrachlorodiphenyl sulfone	Tedion
	tetraiodoethylene	
thiram	tetramethyl thiuram disulfide	
toxaphene	chlorinated camphene containing 67 to 69 % chlorine	
zineb	zinc ethylene bisdithiocarbamate	
ziram	zinc dimethyldithiocarbamate	

ALPHABETICAL INDEX BY COMMODITY

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B		
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Barley*	57	13
Barley grain*	64	14
Barley straw	76	14
Basil (Whole spices)	89	16
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Beans*	25	7
Beans, cocoa	89	15
Beans (Dried)	25	7
Beans (Green, snap)	25	7
Beans (Lima)	25	7
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Beets (garden) roots only	26	8
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Boysenberries	20	7
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Broccoli*	27	8
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C		
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*[*See also the section on Page 3 listing Pesticide Chemicals which are exempt from the requirements of a tolerance]*

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K		
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L		
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M		
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N		
Nectarines	17	6
Nuts, tree	85	15
Nutmeg (Whole spices)	89	16
O		
Oats*	60	13
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P		
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Q		
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R		
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Rosemary (Whole spices)	89	16
Rutabagas*	56	13
Rutabaga tops*	56	13
Rutabagas (with or without tops)*	56	13
Rutabagas (yellow turnips)	56	13
Rye*	62	13
Rye grain*	64	14
Rye straw	76	14
S		
Sage (Whole spices)	89	16
Salsify	50	12
Salsify-root	50	12
Salsify tops	50	12
Savory (Whole spices)	89	16
Scallops (shucked)	86	15
Sesame	86	16
Shallots	41	10
Sheep, Fat meat of	86	15
Shrimp (unpeeled)	86	15
Snap beans	25	7
Sorghum forage	74	14
Sorghum grain*	65	14

[*See also the section on Page 3 listing Pesticide Chemicals which are exempt from the requirements of a tolerance]

Alphabetical Index By Commodity (continued)

Commodity	Section	Page
Soybeans	89	16
Soybeans (dry and succulent forms)	89	16
Soybean forage	82	14
Soybean hay	83	14
Spearmint	89	16
Spinach	51	12
Squash (summer and winter squash)	52	12
Straw (oat, rice, barley, rye, wheat)	76	14
Strawberries	22	7
Sugar beets	26	8
Sugar beet tops	26	8
Sugar beets (but not tops)	26	8
Sugarcane	89	16
Summer Squash	52	12
Sweet clover	70	14
Sweet Corn forage	72	14
Sweet corn (kernels and forage thereof)	31	9
Sweet Potatoes	53	12
Swiss chard	54	12
T		
Tangelos	6	5
Tangerines	6	4
Thyme (Whole spices)	89	16
Tomatoes	55	12
Tree Nuts	85	15
Trefoil (hay, forage) Birdsfoot	70	14
Turmeric (Whole spices)	89	16
Turnips*	56	13
Turnip greens*	56	13
Turnips and Rutabagas*	56	13
Turnip tops*	56	13
Turnips with tops*	56	13
Turnips (with or without tops)*	56	13
V		
Vetch	84	14
W		
Walnuts	85	15
Watercress	89	16
Watermelons	37	10
Wheat*	63	13
Wheat forage	76	14
Wheat grain*	64	14
Wheat hay	76	14
Wheat straw	76	14
White Pepper (Whole spices)	89	16
Whole spices	89	16
Winter squash	52	12
Y		
Yams	53	12
Z		
Zucchini squash	52	12

[*See also the section on Page 3 listing Pesticide Chemicals which are exempt from the requirements of a tolerance]

SAFETY TIPS FOR USING PESTICIDES

1. Always read the label before using pesticide sprays or dusts. Note warnings and cautions each time before opening container. READ AND FOLLOW DIRECTIONS FOR USE.

2. Keep sprays and dusts away from children, pets and irresponsible people. Store pesticides in a secure place away from food and feed.

3. Don't smoke while spraying or dusting, and avoid inhaling sprays or dusts.

4. Do not spill sprays or dusts on the skin or clothing. If they are spilled, remove contaminated clothing and wash exposed skin areas thoroughly.

5. Use separate equipment for applying hormone-type herbicides to prevent accidental injury to susceptible plants.

6. Dispose of empty containers so that they pose no hazard to humans, animals or valuable plants.

If symptoms of illness occur during or shortly after spraying or dusting, call a physician or get the patient to a hospital immediately. Physicians now have available information for the quick and effective treatment of accidental overexposure to pesticides.

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CHEMICALS ASSOCIATION
1145 - 19th St., N. W., Washington 6, D. C.

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